



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant** : Jithamithra Sarathy, et al.  
**Title of Invention** : **METHOD FOR BIT-RATE AND FORMAT  
INSENSITIVE PERFORMANCE MONITORING OF  
LIGHTWAVE SIGNALS**  
**Filed** : May 9, 2001  
**Serial No.** : 09/852,582  
**Examiner** : NGUYEN, Joseph  
**Art Unit** : 2815  
**Attorney Docket No.** : 312/12

**Box Amendment**  
**Commissioner for Patents**  
**Washington, DC 20231**

**AMENDMENT**

Sir:

This is responsive to the Office Action dated September 16, 2002, in connection with the above-referenced patent application.

**IN THE CLAIMS:**

The applicants have deleted claims 30 and 32, amended claims 1, 5, 31 and 33, and have added claims 34 and 35, as follows.

1. (Twice Amended) A semiconductor device comprising:

a waveguide core for passing light therethrough;

a grating with a tunable effective index for reflecting one or more wavelengths of said light;